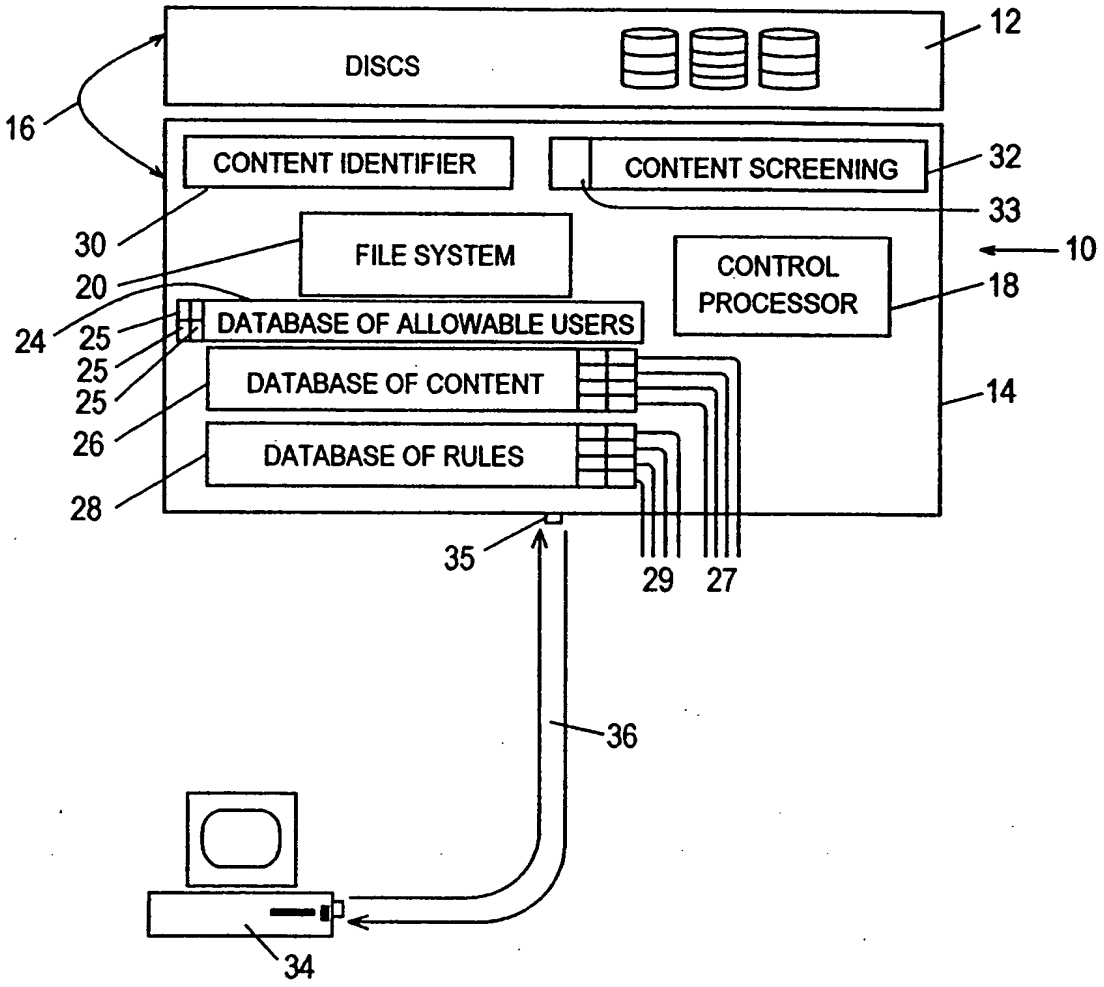
DISCS
12
16
CONTENT IDENTIFIER
CONTENT SCREENING
32
33
30
FILE SYSTEM
CONTROL PROCESSOR
10
20
18
24
25
25
25
DATABASE OF ALLOWABLE USERS
DATABASE OF CONTENT
DATABASE OF RULES
14
26
28
35
29
27
36
34

Fig 1A

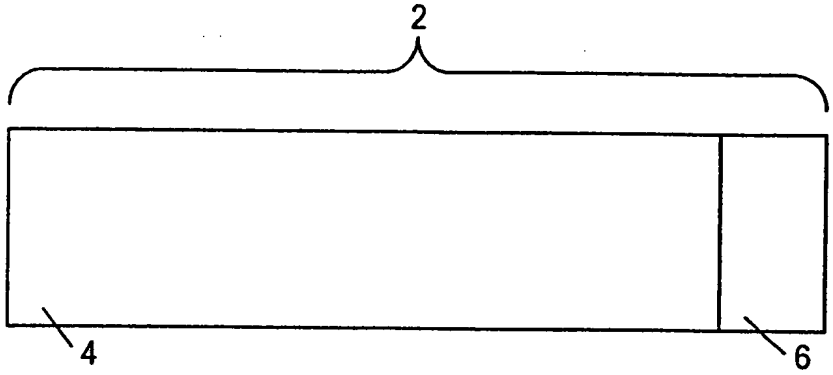

Fig. 1B

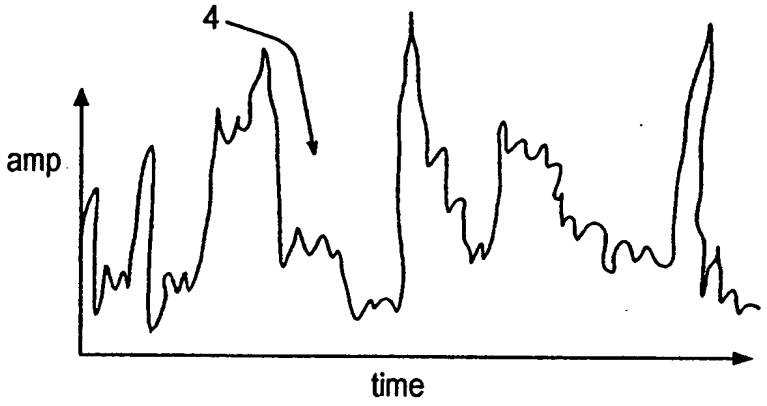

Fig. 1C

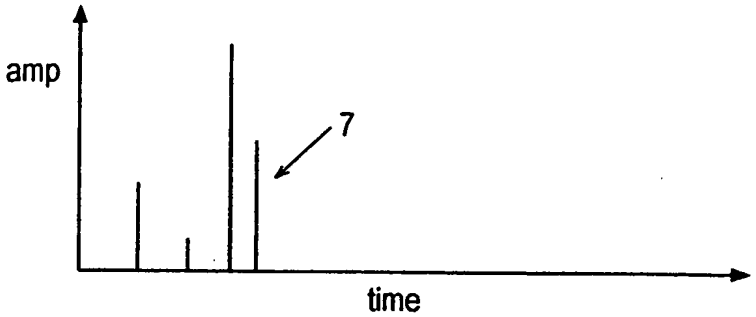

Fig 1D

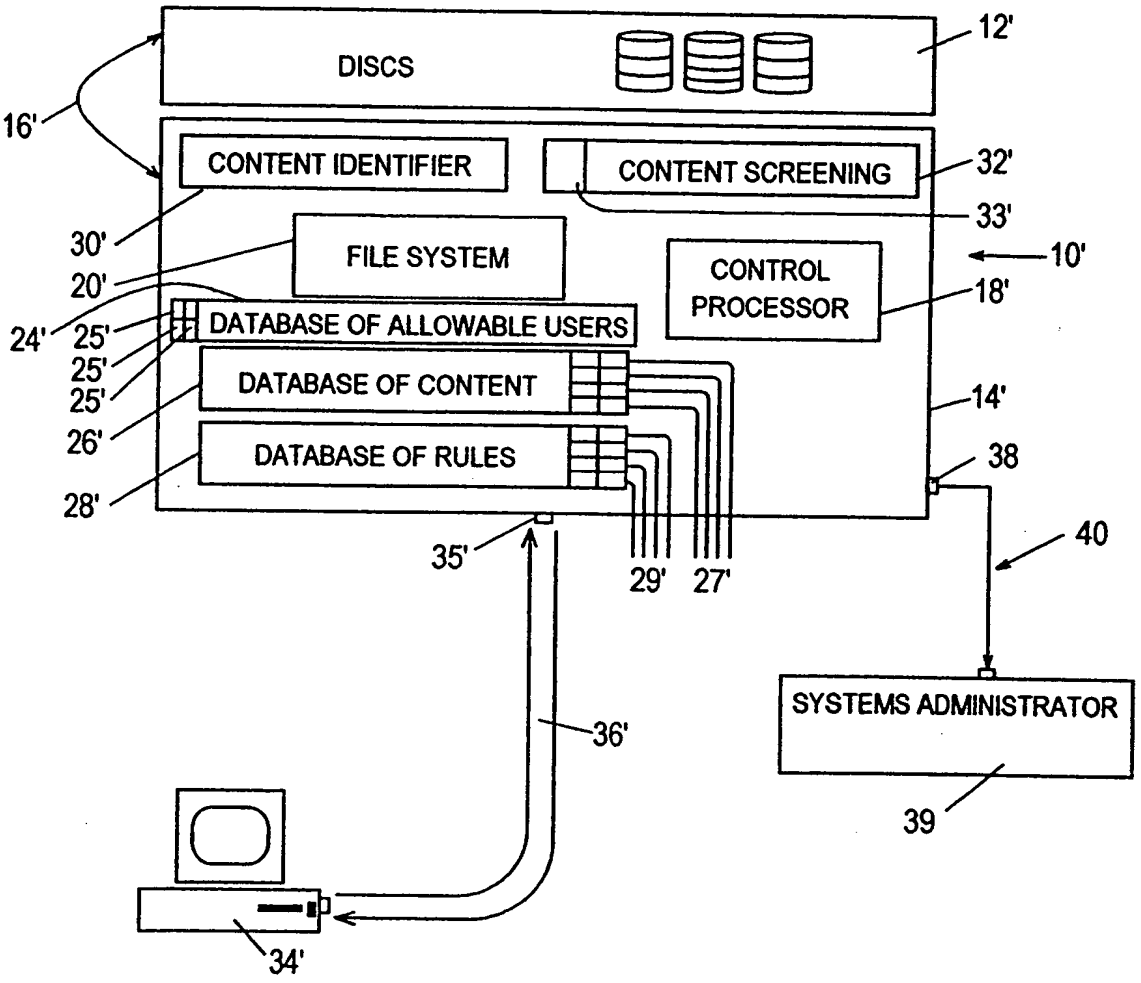
DISCS
12'
16'
CONTENT IDENTIFIER
CONTENT SCREENING
32'
33'
30'
FILE SYSTEM
10'
20'
CONTROL PROCESSOR
18'
24'
25'
DATABASE OF ALLOWABLE USERS
25'
25'
DATABASE OF CONTENT
14'
26'
DATABASE OF RULES
38
28'
35'
29'
27'
40
SYSTEMS ADMINISTRATOR
36'
39
34'

Fig 2

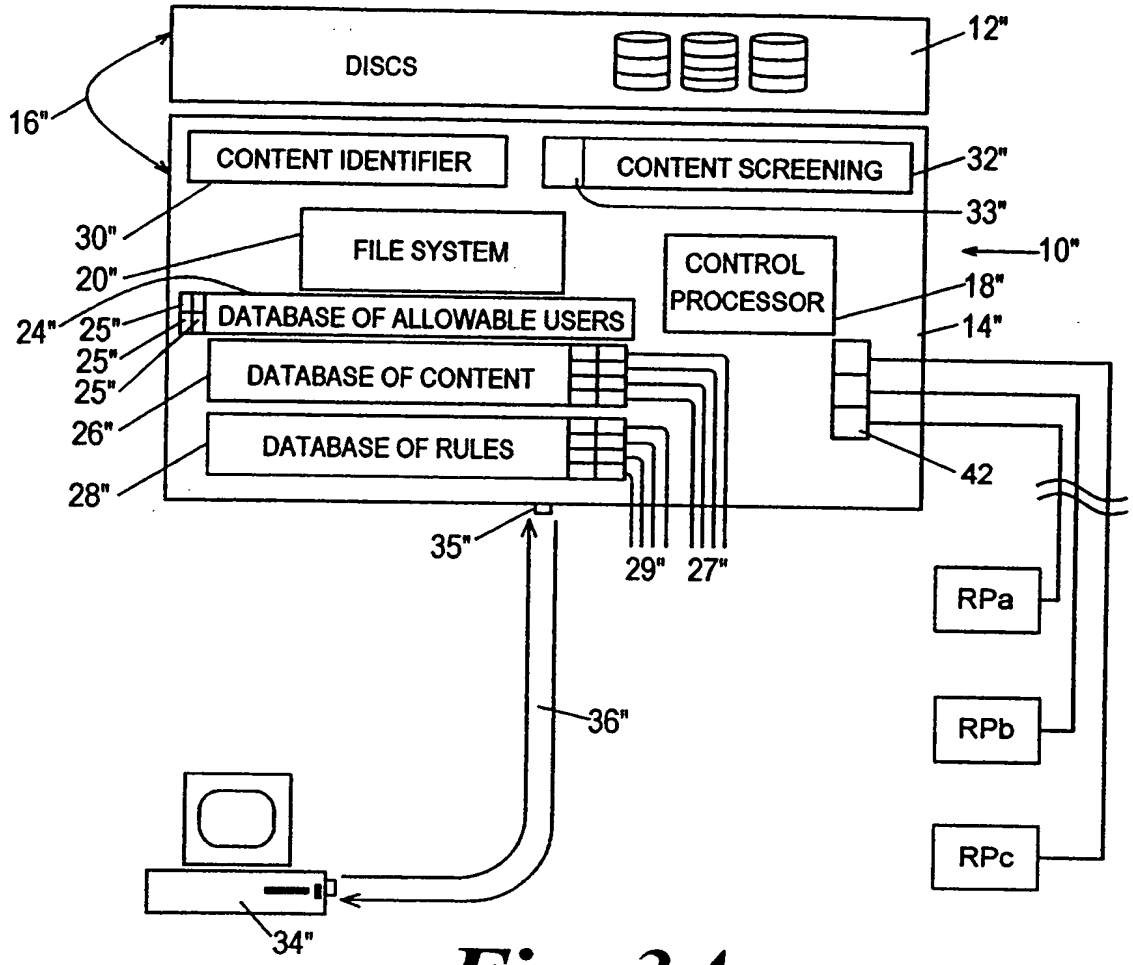

Fig. 3A

	44	46	48
CONTENT/FILE ID	COST FOR STORAGE	COST FOR ACCESS	TIME AVAILABLE
50 XYZ123	10	0	-20.12.10
52 XYZ124	10	10	-20.12.10
54 XYZ125	15	30	1month
42 56 XYZ126	20	5	1month

Fig 3B

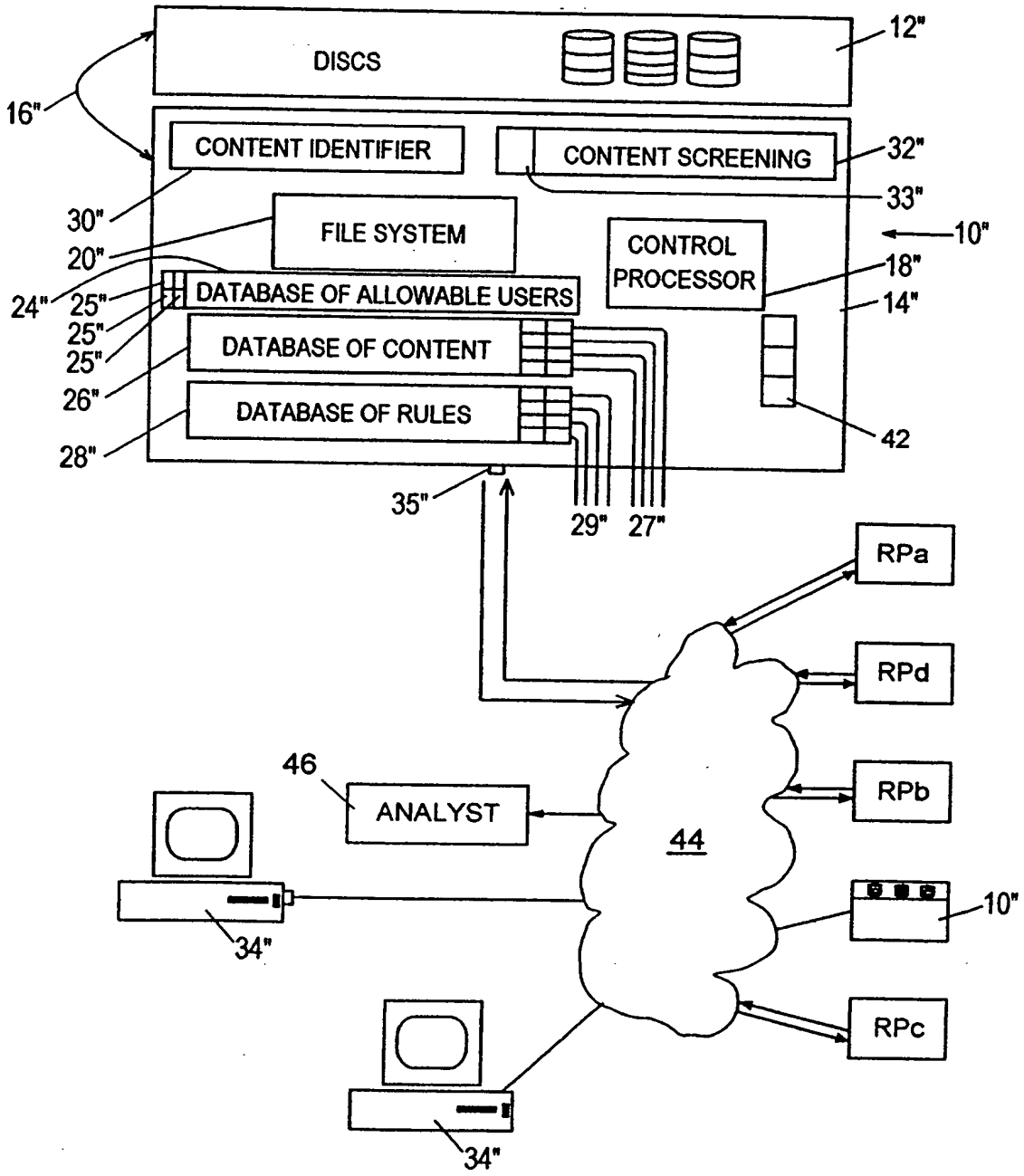
DISCS
12"
16"
CONTENT IDENTIFIER
CONTENT SCREENING
32"
33"
30"
FILE SYSTEM
CONTROL PROCESSOR
10"
20"
18"
24"
25"
DATABASE OF ALLOWABLE USERS
14"
25"
DATABASE OF CONTENT
25"
26"
DATABASE OF RULES
42
28"
35"
29"
27"
RPa
RPd
46
ANALYST
RPb
44
10"
34"
RPc
34"

Fig 4

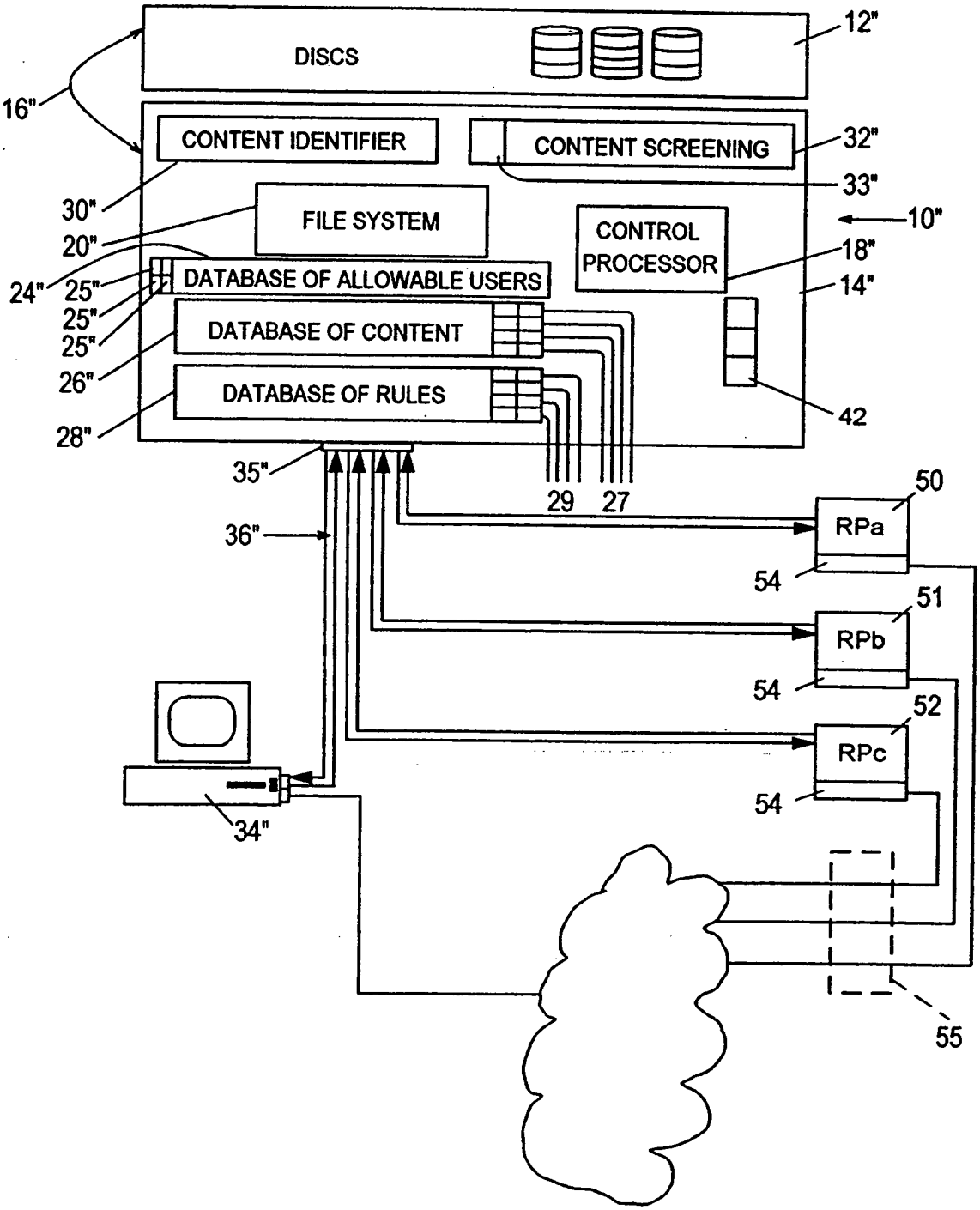
DISCS
12"
16"
CONTENT IDENTIFIER
CONTENT SCREENING
32"
33"
30"
FILE SYSTEM
10"
20"
CONTROL PROCESSOR
18"
24"
25"
DATABASE OF ALLOWABLE USERS
14"
25"
25"
DATABASE OF CONTENT
26"
DATABASE OF RULES
42
28"
35"
29
27
50
36"
RPa
54
51
RPb
54
52
RPc
54
34"
55

Fig 5

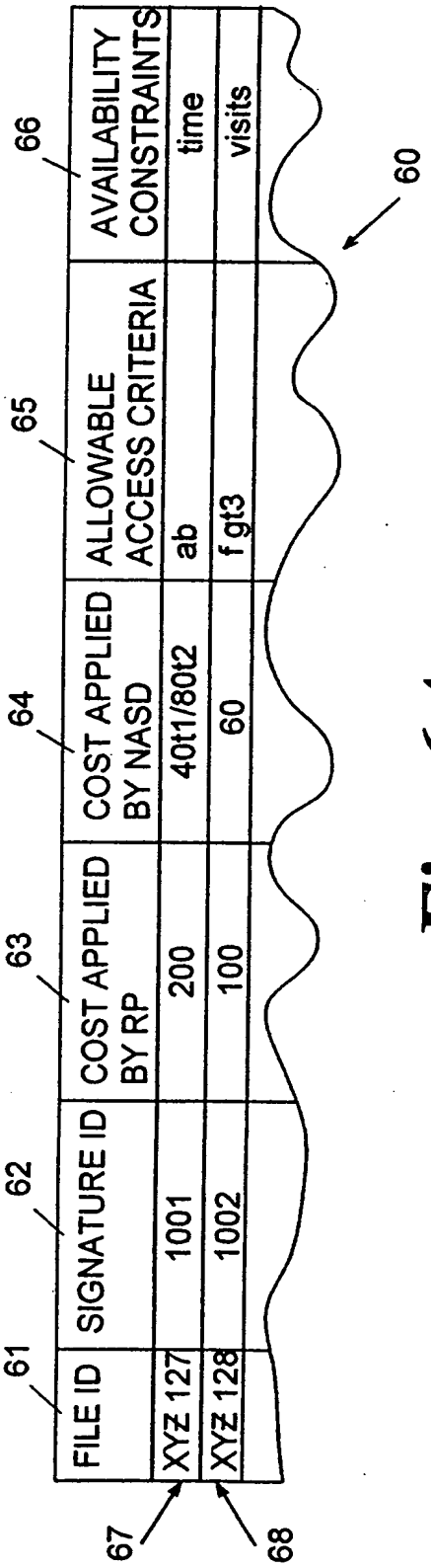
61
FILE ID
62
SIGNATURE ID
63
COST APPLIED BY RP
64
COST APPLIED BY NASD
65
ALLOWABLE ACCESS CRITERIA
66
AVAILABILITY CONSTRAINTS
XYZ 127
1001
200
40t1/80t2
ab
time
XYZ 128
1002
100
60
f gt3
visits
60
67
68

Fig. 6A

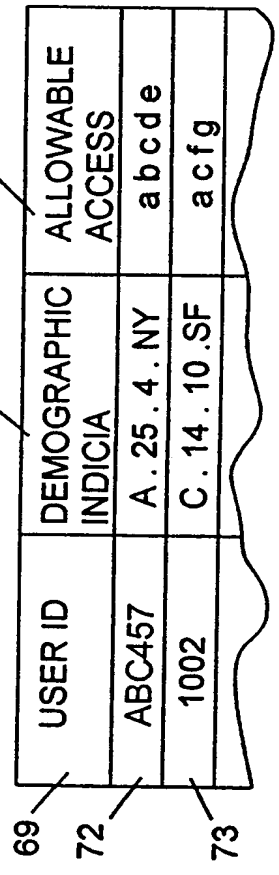
70
71
USER ID
DEMOGRAPHIC INDICIA
ALLOWABLE ACCESS
ABC457
A.25.4.NY
abcde
1002
C.14.10.SF
acfg
69
72
73

Fig. 6B

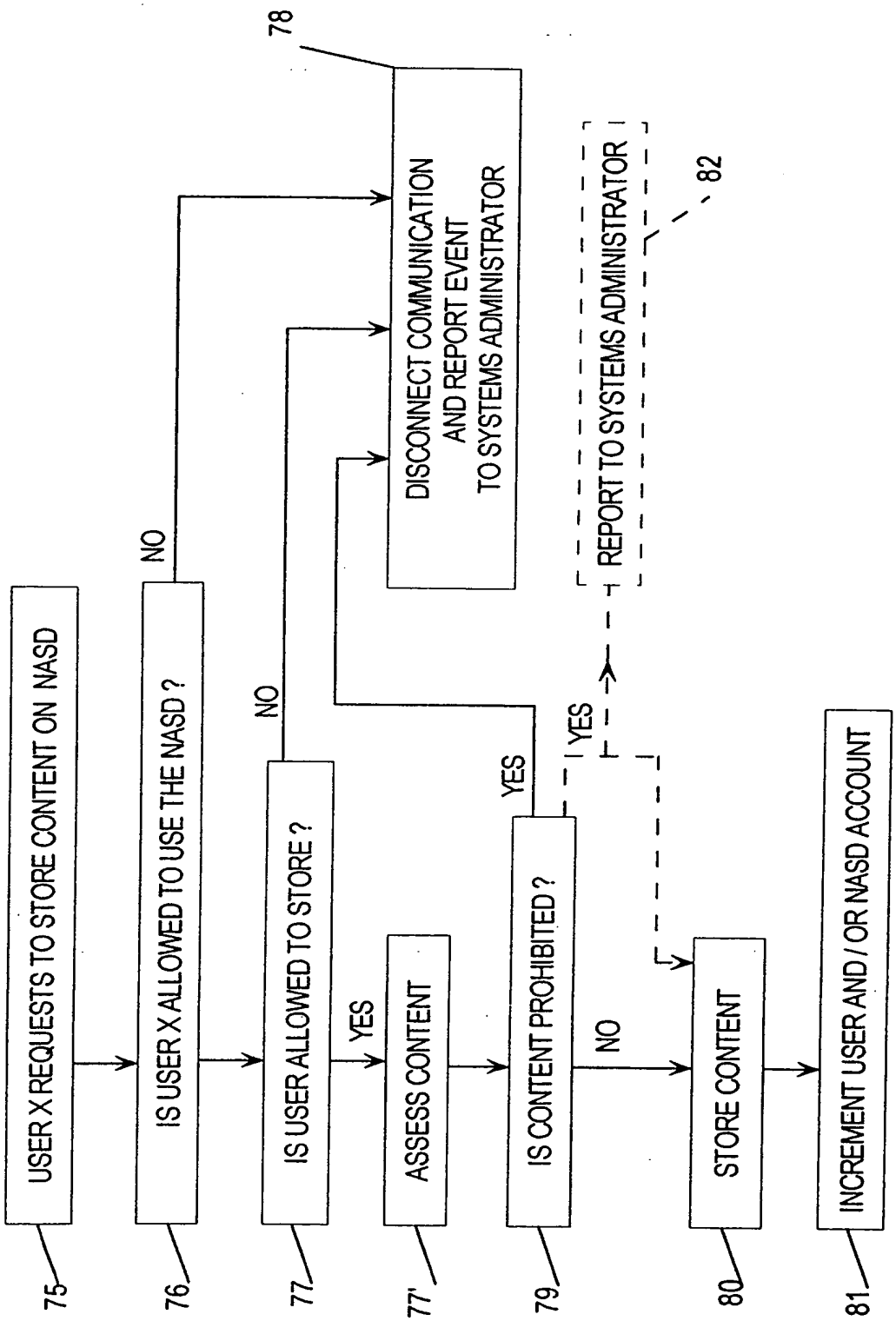
USER X REQUESTS TO STORE CONTENT ON NASD
IS USER X ALLOWED TO USE THE NASD ?
IS USER ALLOWED TO STORE ?
ASSESS CONTENT
IS CONTENT PROHIBITED ?
STORE CONTENT
INCREMENT USER AND / OR NASD ACCOUNT
DISCONNECT COMMUNICATION AND REPORT EVENT TO SYSTEMS ADMINISTRATOR
REPORT TO SYSTEMS ADMINISTRATOR
NO
NO
YES
YES
NO
YES
75
76
77
77'
79
80
81
78
82

Fig 7

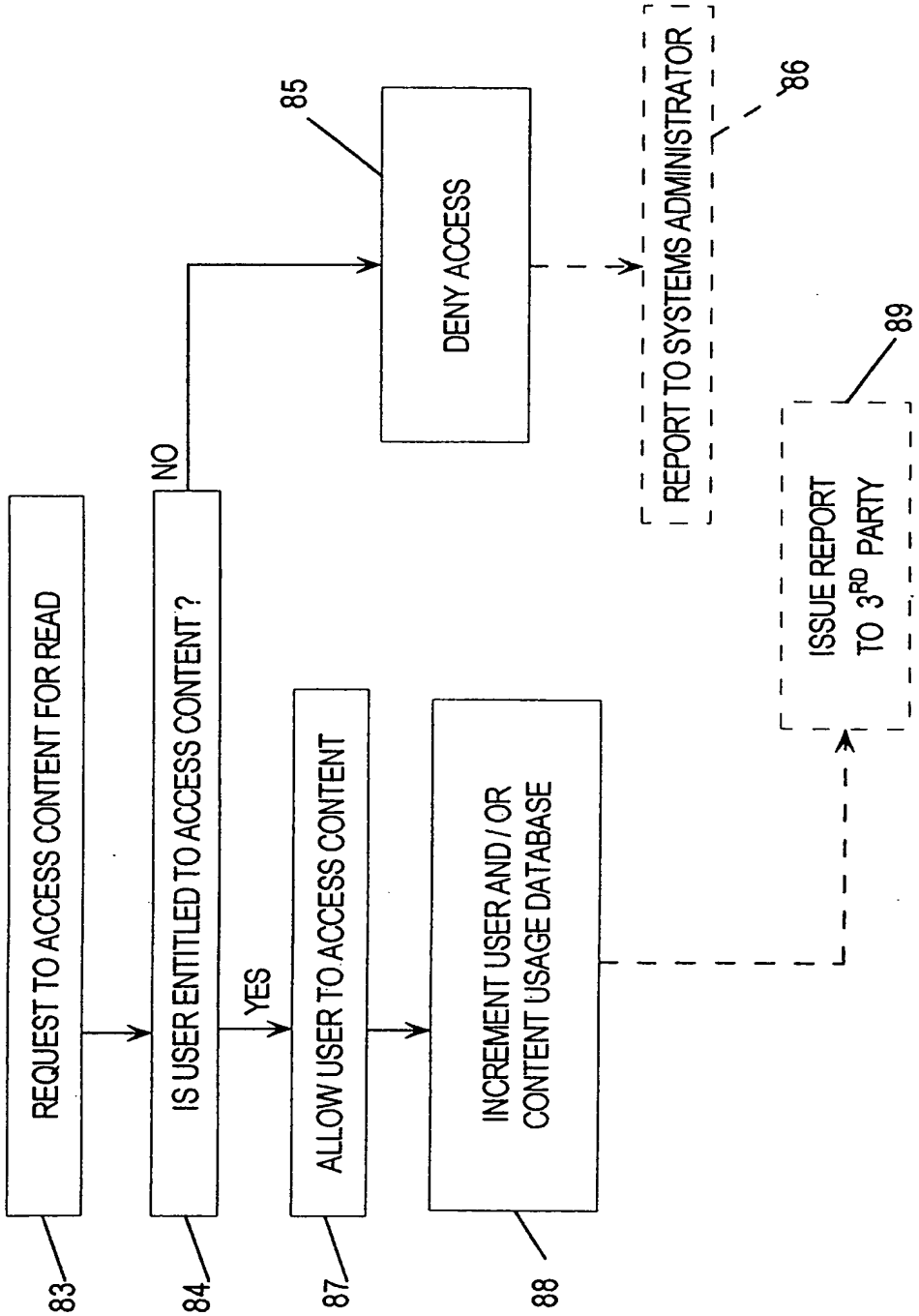
REQUEST TO ACCESS CONTENT FOR READ
IS USER ENTITLED TO ACCESS CONTENT ?
NO
YES
DENY ACCESS
ALLOW USER TO ACCESS CONTENT
INCREMENT USER AND / OR CONTENT USAGE DATABASE
REPORT TO SYSTEMS ADMINISTRATOR
ISSUE REPORT TO 3RD PARTY
83
84
85
86
87
88
89

Fig 8

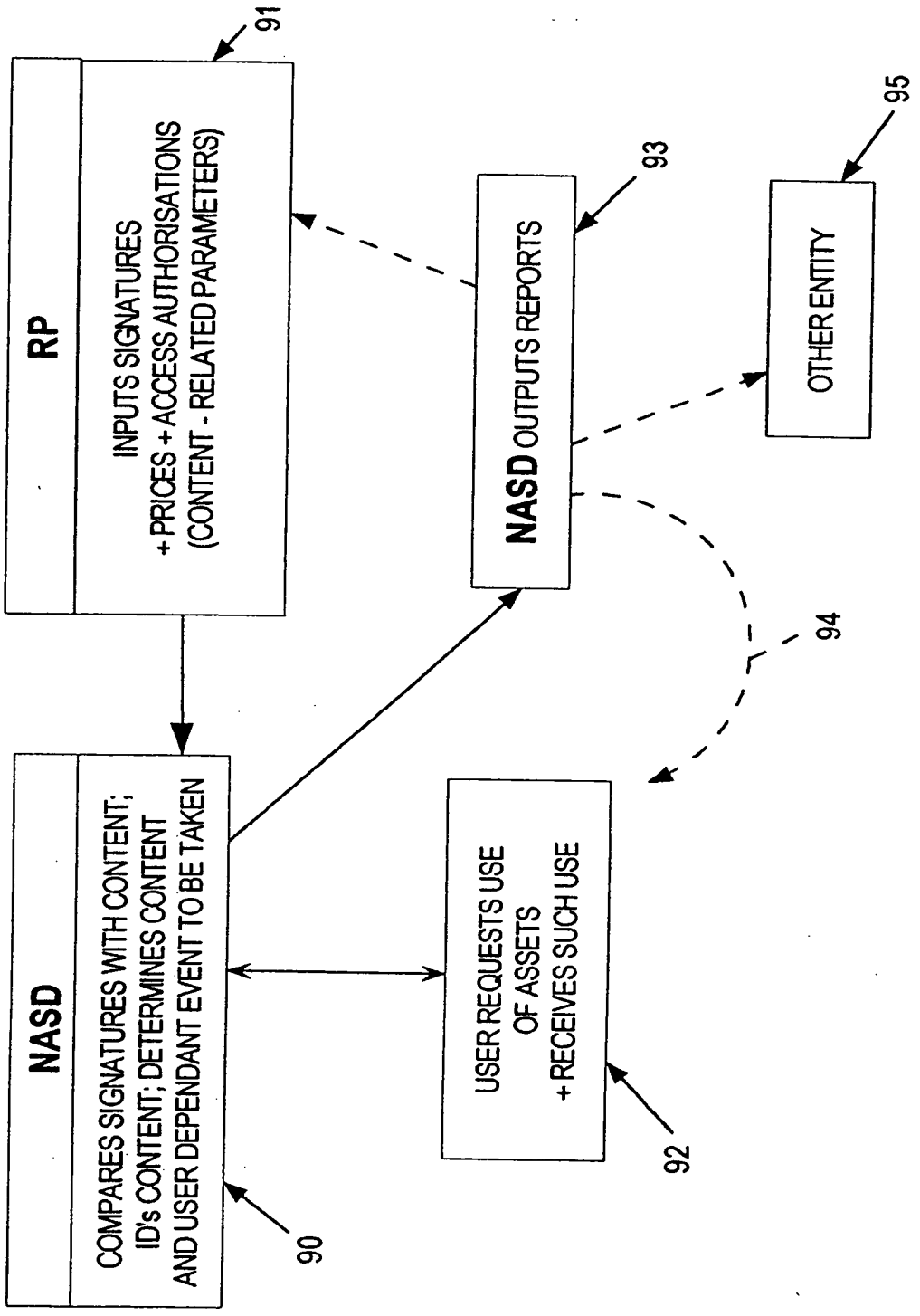
RP
INPUTS SIGNATURES
+ PRICES + ACCESS AUTHORISATIONS
(CONTENT - RELATED PARAMETERS)
91
NASD OUTPUTS REPORTS
93
OTHER ENTITY
95
94
NASD
COMPARES SIGNATURES WITH CONTENT;
ID's CONTENT; DETERMINES CONTENT
AND USER DEPENDANT EVENT TO BE TAKEN
90
USER REQUESTS USE
OF ASSETS
+ RECEIVES SUCH USE
92

Fig. 9